

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004734**Date Inspected:** 19-Nov-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1430**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2200**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

<b>CWI Name:</b>	N/A			<b>CWI Present:</b>	Yes	No	
<b>Inspected CWI report:</b>	Yes	No	N/A	<b>Rod Oven in Use:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A	<b>Weld Procedures Followed:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A	<b>Verified Joint Fit-up:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A	<b>Approved WPS:</b>	Yes	No	N/A
				<b>Delayed / Cancelled:</b>	Yes	No	N/A
<b>Bridge No:</b>	34-0006			<b>Component:</b>	floor beams, skin plates		

**Summary of Items Observed:****Heavy Shop- Bay 1**

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) performed final MT verification, 10% of the total linear distance of the following welds: NSD1-SA179D/E-31A, NSD1-SA179D/E-26A, and NSD1-SA179A/E-4-A. No apparent indications were observed. QA Inspector notated a QA triangle with lot number and date near each weld indicating Caltrans VT and MT acceptance. Items observed appeared to comply with project specifications.

**Sub-assembly Shop- Bay 4**

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) performed final 100% VT and 10% MT verification on SP444-001B welds 011 through 020, SP459-001A welds 001 through 010, SP456-001B welds 011 through 020. No apparent indications were observed. QA Inspector notated a QA triangle with QA Inspector's lot number and date on each side panel, yellow sticker attached to each side panel, and applied QA Inspector's name to the green tag documentation presented to QA Inspector by ABF representative Hu Gwi Hua, indicating Caltrans acceptance (per ABF documentation).

**Summary of Conversations:**

No significant conversations on this date.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Peter Dautermann, 150-0219-9593, who represents the Office of Structural Materials for your project.

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## WELDING INSPECTION REPORT

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<b>Inspected By:</b>	Goulet, George	Quality Assurance Inspector
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<b>Reviewed By:</b>	Carreon, Albert	QA Reviewer
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